

# PENTAX™

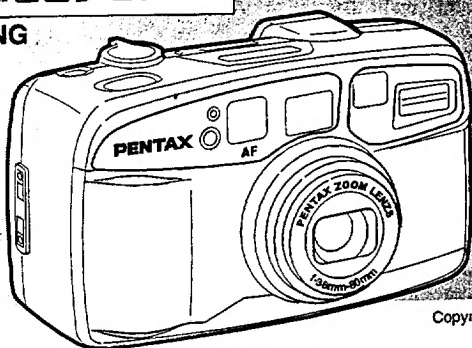
PENTAX  
**ESPIO80V**

PENTAX  
**ESPIO80V**

**IQZ<sub>oom</sub> EZY-80**

**IQZ<sub>oom</sub> EZY-80 DATE**

**OPERATING  
MANUAL**



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01-200201 Printed in Japan

English	<b>E</b>
Français	<b>F</b>
Español	<b>S</b>
Deutsch	<b>D</b>
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## WARRANTY POLICY

All Pentax cameras purchased through authorized bona fide photographic distribution channels are guaranteed against defects of material or workmanship for a period of twelve months from date of purchase. Service will be rendered, and defective parts will be replaced without cost to you within that period, provided the equipment does not show evidence of impact, sand or liquid damage, mishandling, tampering, battery or chemical corrosion, operation contrary to operating instructions, or modification by an unauthorized repair shop. The manufacturer or its authorized representatives shall not be liable for any repair or alterations except those made with its written consent and shall not be liable for damages from delay or loss of use or from other indirect or consequential damages of any kind, whether caused by defective material or workmanship or otherwise; and it is expressly agreed that the liability of the manufacturer or its representatives under all guarantees or warranties, whether expressed or implied, is strictly limited to the replacement of parts as hereinbefore provided. No refunds will be made on repairs by non-authorized Pentax service facilities.

## PROCEDURE DURING 12-MONTH WARRANTY PERIOD

Any Pentax which proves defective during the 12-month warranty period should be returned to the dealer from whom you purchased the equipment or to the manufacturer. If there is no representatives of the manufacturer in your country, send the equipment to the manufacturer, with postage prepaid. In this case, it will take a considerable length of time before the equipment can be returned to you owing to the complicated customs procedures required. If the equipment is covered by warranty, repairs will be made and parts replaced free of charge, and the equipment will be returned to you upon completion of servicing. If the equipment is not covered by warranty, regular charges of the manufacturer or of its representatives will apply. Shipping charges are to be borne by the owner. If your Pentax was purchased outside of the country where you wish to have it serviced during the warranty period, regular handling and servicing fees may be charged by the manufacturer's representatives in that country. Notwithstanding this, your Pentax returned to the manufacturer will be serviced free of charge according to this procedure and warranty policy. In any case, however, shipping charges and customs clearance fees to be borne by the sender. To prove the date of your purchase when required, please keep the receipt or bills covering the purchase of your equipment for at least a year. Before sending your equipment for servicing, please make sure that you are sending it to the manufacturer's authorized representatives or their approved repair shops, unless you are sending it directly to the manufacturer. Always obtain a quotation for the service charge, and only after you accept the quoted service charge, instruct the service station to proceed with the servicing.

This warranty policy does not affect the consumer's statutory rights.

### For Customers in USA

This warranty does not apply to Pentax products purchased in the United States. Therefore, for warranty information regarding Pentax products purchased in the United States, please read the warranty cards supplied with your product.

## **E** English

Congratulations on your purchase of the PENTAX IQZoom EZY 80 / ESPIO 80V and welcome to the world of Pentax zoom compact photography!

Your compact, light weight camera is a great companion to preserve your favorite memories.

- Please read this manual carefully before operating the camera to take consistently superior pictures.
- Pay special attention to the cautions and notes in this Operating Manual.

The illustrations used in this manual may differ from the camera's actual appearance.

- Illustrations in this operating manual are the DATE MODEL.

### **1. PRECAUTIONS**

#### **FOR SAFE USE OF YOUR CAMERA**

Although we have carefully designed this camera for safe operation, please be sure to follow precautions given in this manual.

##### **⚠ WARNING**

This mark indicates precautions that if not followed, could result in serious injury to the person.

##### **⚠ CAUTION**

This mark indicates precautions that, if not followed, could result in minor or medium injury to the person or damage to the equipment.

##### **⚠ WARNING**

- The electric circuits inside the camera contain high voltage working parts. Never attempt to disassemble the camera yourself.
- Never touch internal parts of the camera if they become exposed from dropping the camera or for some other reason, as there is danger of electric shock.
- Wrapping the strap around your neck is dangerous. Make sure that small children do not the strap caught their neck.

##### **⚠ CAUTION**

- Never try to disassemble, short or recharge the battery. Also, do not dispose of the battery in fire, as it may explode.
- Remove the battery from the camera immediately if it become hot or begin to smoke. Be careful not to burn yourself during removal.

#### **PRECAUTIONS FOR YOUR CAMERA**

##### **Precautions when taking pictures**

- Do not use the camera where it may come in contact with rain, water or any other liquid, because the camera is not weather, water, or liquid resistant. Should the camera get wet from rain, splashing water, or any other liquid, wipe it off immediately with a dry soft cloth.
- Be careful not to subject the camera to strong vibrations, shock or pressure. Use a cushion to protect the camera when carrying it in a motorcycle, car, boat, etc.
- Condensation on the interior or the exterior of the camera may be extremely harmful to the camera mechanism as it may cause rust and / or corrosion. Furthermore, if the camera is taken from warm temperature to a subfreezing one or vice versa, the formation of icelets may cause damage. In such a case, put the camera into a case or plastic bag so that any changes in temperature difference is minimized. Do not remove it from the bag until temperature has stabilized.

##### **Precautions for storage**

- Avoid leaving the camera for extended periods in places where temperature and humidity are high such as in a car.
- Do not store the camera in a closet with mothballs or in a case where chemicals are handled. Store it in a place with good air circulation to prevent fungus growth.

##### **Precautions for proper care**

- Use a blower and lens brush to remove dust accumulated on the lens or the viewfinder window.
- Never use solvents such as paint thinner, alcohol or benzene to clean the camera. To clean the external camera surfaces, - but not glass surfaces; using a dry or silicone-treated cloth is recommended.

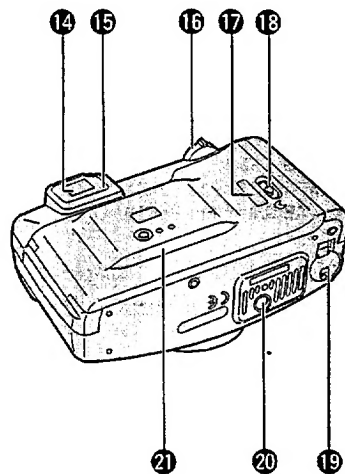
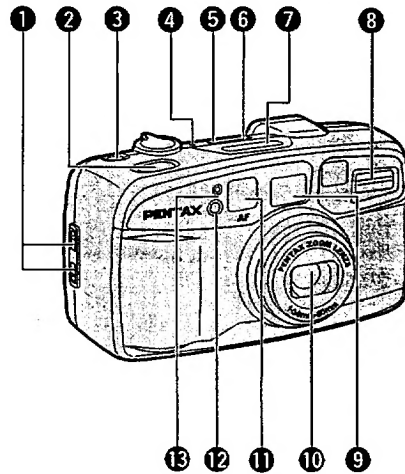
##### **Other precautions**

- The temperature range at which this camera functions properly is 50°C to -10°C (122°F to 14°F).
- To maintain optimum performance, it is recommended that the camera be inspected every one or two years. If the camera has not been used for an extended period, or is being prepared for an important photographic session, it is recommended that you have the camera inspected or test shoot with it.

#### **PRECAUTIONS FOR BATTERY USAGE**

- Misuse of a battery can cause hazards such as leakage, overheating, explosions, etc. The battery should be inserted with the "+" and "-" sides facing correctly.
- Battery performance may be temporarily hindered in low temperatures, but will recover in normal temperatures.
- Keep a spare battery on hand for replacement convenience when shooting outdoors or while traveling.
- Be sure to store battery out of reach of children. Seek medical assistance immediately if accidentally swallowed.

**2**



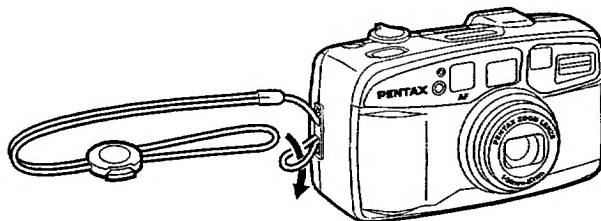
## 2. NAMES OF WORKING PARTS

- ① Strap lug
- ② Shutter release button
- ③ Main switch button
- ④ Mid-roll rewind button
- ⑤ Self-timer / Landscape button
- ⑥ Flash button
- ⑦ LCD panel
- ⑧ Built-in flash
- ⑨ Viewfinder window
- ⑩ Lens
- ⑪ Autofocus window
- ⑫ Self-timer lamp
- ⑬ Light sensor window
- ⑭ Viewfinder eyepiece
- ⑮ Green lamp
- ⑯ Zoom lever
- ⑰ Film information window
- ⑱ Back cover release lever
- ⑲ Battery chamber cover
- ⑳ Tripod socket
- ㉑ Back cover

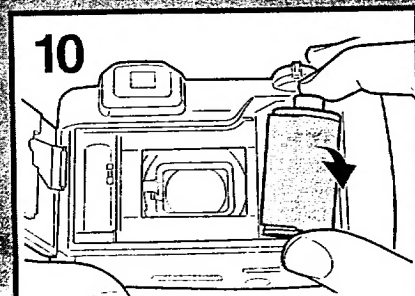
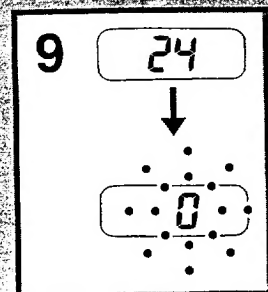
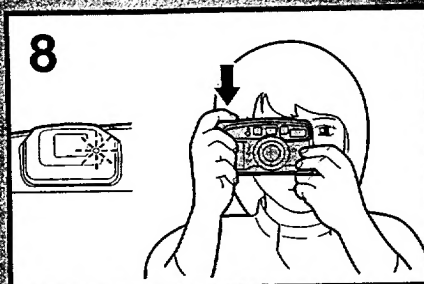
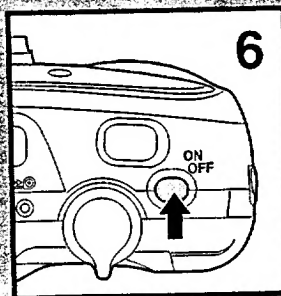
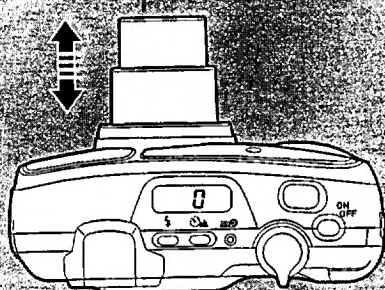
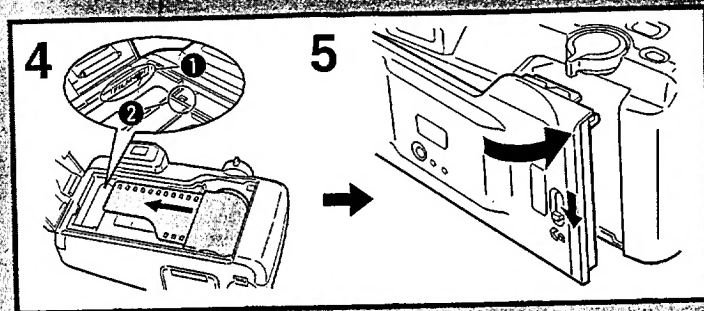
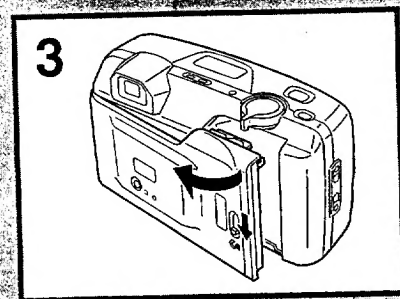
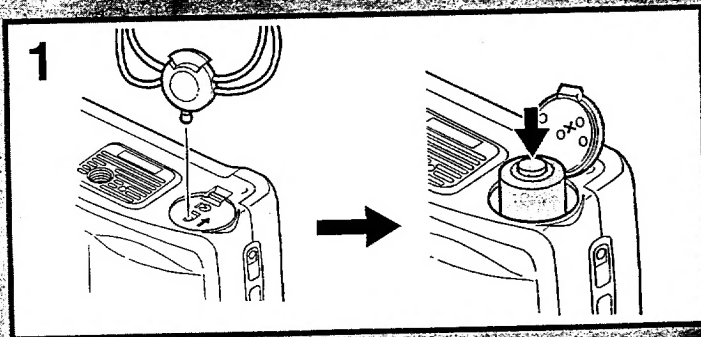
## 3. STRAP ATTACHMENT

Fit the strap on the camera as illustrated.  
Protrusion part can be used for opening Battery cover, for adjusting Date and for pushing Mid-roll rewind button.

**3**



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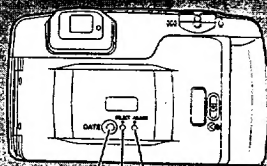


## E English

### 4. OUTLINE OF BASIC OPERATION

- 1 Insert the battery with plus (+) side up. Use one 3V Lithium Battery (CR123A or the equivalent)
- 2 Set the date and time. (Refer to the following section 5. DATE MODEL.)
- 3 Open the back cover.
- 4 Load the film. Pull out the film leader end to reach the ①[FILM▼]. Ensure the film is taut and flat. If there is dirt on the film detector ②, the film cannot be wound properly.
- 5 Close the back cover. Film is advanced to the 1st. frame automatically.  
If "E" appears on LCD panel, load the film properly again.
- 6 Turn the main switch ON.
- 7 Compose by using the zoom lever and focus on the subject with autofocus frame.
- 8 Release the shutter completely to take picture when green lamp lights on.
- 9 At the end of the film, camera rewinds the film automatically.
- 10 After confirming "0" indication in the LCD panel, remove the film.

**5**



02 321

21 10:05

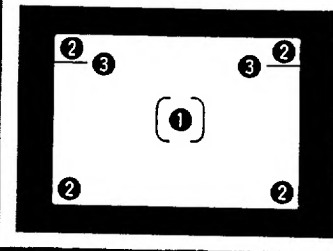
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32 102

21 302

**6**

**6-1**



**6-2**



## 5. DATE MODEL

When the battery cover is opened, date and time initialize to '98 1 1 and 00:00.

Use the protrusion parts of the strap clamp to depress the button.

### Selecting the Mode

Press the DATE button ① to change the date mode as shown in the list.

Year Month Day  
↓  
Day Hour Minute  
↓  
(Blank) No imprinting  
↓  
Month Day Year  
↓  
Day Month Year

### Correcting the Date

- 1 Depress the SELECT button ② to select desired category of digits.
- 2 Depress the ADJUST button ③ to change digits.
- 3 Depress the SELECT button ② until the blinking digits stop.

### Correcting the Time [Day Hour Minute]

- 1 Correction of the time can also be done in the same procedure as the one for the date.

## 6. VIEWFINDER DISPLAYS AND GREEN LAMP INDICATIONS

### 6-1. Viewfinder displays

- ① Autofocus frame  
Focus on the subject with this frame.
- ② Picture area  
When taking a normal picture, compose the scene with this frame.
- ③ Close distance (0.8 to 1.0m) compensation frame.  
When the camera-to-subject distance is between 0.8m and 1.0m, compose the scene within this frame.

### 6-2. Green lamp indication

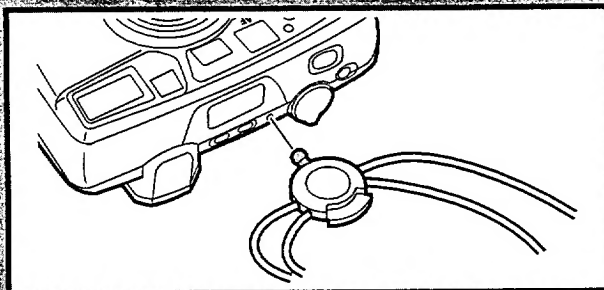
- ① Lighting: Flash is charged. Shutter release possible.
- ② Blinking: Flash is being charged.



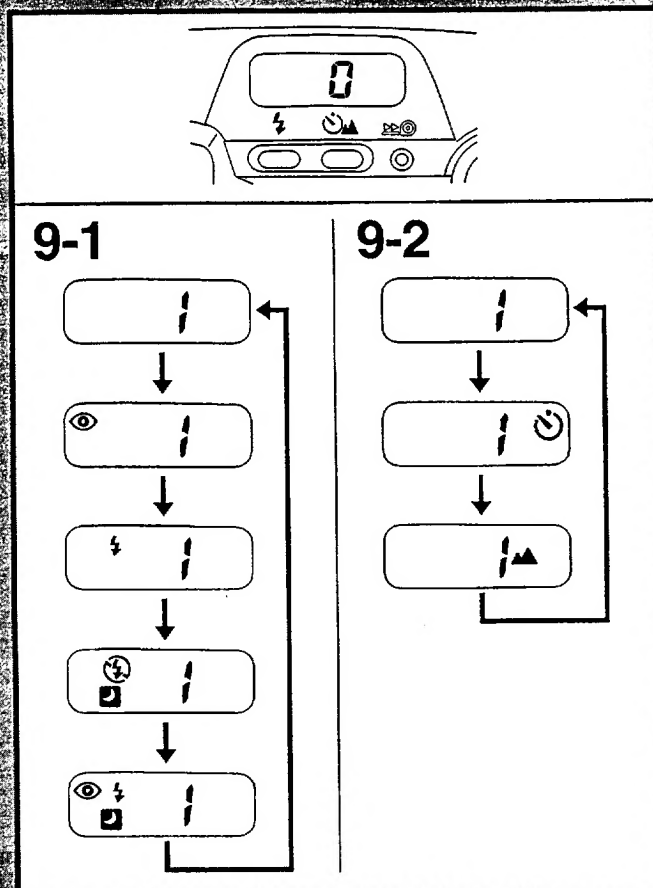
**7**

ISO	38mm(≡≡≡)	80mm(≡)
25	0.8-1.3m(2.62-4.3 ft)	-----
50	0.8-1.9m(2.62-6.2 ft)	0.8-0.95m(2.62-3.1 ft)
100	0.8-2.7m(2.62-8.9 ft)	0.8-1.4m(2.62-4.6 ft)
200	0.8-3.8m(2.62-12 ft)	0.8-1.9m(2.62-6.2 ft)
400	0.8-5.4m(2.62-18 ft)	0.8-2.7m(2.62-8.9 ft)
800	0.8-7.6m(2.62-25 ft)	0.8-3.8m(2.62-12 ft)
1600	1.1-11.0m(3.6-36 ft)*	0.8-5.4m(2.62-18 ft)
3200	1.5-15.0m(4.9-49 ft)*	0.8-7.7m(2.62-25 ft)

**8**



**9**



## 7. FLASH EFFECTIVE RANGE

(Color negative film used.)

\* With high speed film, overexposure may occur at close distance due to the film's high sensitivity.

## 8. REWINDING THE FILM IN MID-ROLL

Depress the mid-roll rewind button with the protrusion part of the strap clamp.

## 9. TAKING PICTURES WITH VARIOUS MODES

### 9-1. EXPOSURE MODE

Push (1/4) to change exposure mode.

#### 1. AUTO MODE (NORMAL MODE)

Turn the main switch ON to set this mode.

Flash discharges if it is in low light.

#### 2. AUTO MODE / RED-EYE REDUCTION FLASH

Normal mode with red-eye reduction flash.

#### 3. AUTO MODE / DAYLIGHT-FLASH ON

Flash discharges always.

#### 4. SLOW SHUTTER SPEED

##### 4-1. Slow shutter speed with Flash-OFF

No flash discharge.

Use of tripod is recommended.

##### 4-2. Slow shutter speed with Flash ON and Red-eye-reduction flash

Use of tripod is recommended.

The proper exposure for the foreground subject and a slow-shutter speed for background.

### 9-2. SHOOTING MODE

Push (1/4) to change Shooting Mode.

#### 1. NORMAL SHOOTING MODE

Single frame.

#### 2. SELF-TIMER PICTURES

Self-timer starts after depressing shutter button.

Use of tripod is recommended.

#### 3. INFINITY-LANDSCAPE SHOOTING

Distant landscape through the window.

## 10. SPECIFICATIONS

**Type :** 35mm fully automatic lens-shutter with built-in zoom lens and auto flash  
**Film :** 24 x 36 mm format, Auto film speed setting with 35mm perforated DX-coded film with ISO rating from 25-3200(1EV step). Non-DX coded films are set to ISO25  
**Film loading, Film winding :** Auto film loading, Auto film winding (single-frame)  
**Film rewinding :** Auto film rewinding at the end of roll. Auto stop upon completion of rewinding, Rewinding in mid-roll provided.  
**Lens :** Pentax power zoom 38-80mm f/6.3-12.5, 5 elements in 5 groups  
**Angle of view :** 59°-30.5°  
**Focusing system :** Pentax infrared active autofocus system with focus lock  
**Focusing Range :** 0.8m(2.6ft) - infinity, maximum magnification: approx. 0.11 x.  
Infinity-landscape mode(Focus is fixed to infinity).  
**Zooming :** Electronic zoom  
**Shutter :** Programmed AE electronic shutter with speed approx. 1/300 - 2 sec.  
**Self-timer :** LED lamp indication. Delay time approx. 10 sec.  
**Viewfinder :** Actual image zoom viewfinder. 83% of field of view ratio  
**Magnification :** 0.42 x (38mm WIDE) - 0.78 x (80mm TELE), Diopter : - 1.0 m<sup>-1</sup>  
**Frames :** Autofocus frame, Picture frame, Close distance correction frame  
**Green lamp lighting(O) :** Flash is charged.  
**Green lamp blinking :** Flash is being charged.  
**Exposure control :** Programmed auto-exposure control.  
**Exposure Range :** Auto or Daylight-Sync mode(ISO400) : EV10.5 - EV17.5 at 38mm WIDE, EV13.5-EV19.0 at 80mm TELE. Slow Shutter Speed mode(ISO 400): EV8.0 - EV17.5 at 38mm WIDE, EV8.0 - EV19.0 at 80mm TELE.  
**Flash :** Built-in flash with red-eye reduction mode, Automatic flash emission in low-luminance, Flash ON=Day-light Sync/Slow Shutter Speed Sync(up to 2 sec.), Flash OFF=Flash override  
**Flash recycling time :** Approx. 7 sec. under Pentax testing conditions.  
**Power source :** One 3V lithium battery(CR123A or the equivalent), Auto power shut-off in 3 min.  
**Battery life :** Approx. 15 rolls of 24-Exposure film when using flash 50% of the time(under Pentax testing conditions)

**Battery exhaustion warning :** ( ) appears on the LCD panel. Shutter is locked, when ( ) is blinking.  
**Size & Weight :** 120.5(W) x 70.5(H) x 51.5(D) (4.7" x 2.8" x 2") 225g(7.9oz) without battery

## DATE MODEL

**Date mechanism :** Crystal quartz controlled; LCD with digital clock, auto calendar up to 2049.  
**Imprinting mode :** "Year, Month and Day", "Day, Hour and Minutes", "---- blank", "Month, Day and Year" or "Day, Month and Year".  
**Size & Weight :** 120.5 (W) x 70.5(H) x 53.0(D) mm (4.7" x 2.8" x 2.1") 230g(8.1oz) Without battery.

**SPECIFICATIONS ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTIFICATION OR ANY OBLIGATION ON THE PART OF THE MANUFACTURER.**

## For Customers in USA

### STATEMENT OF FCC COMPLIANCE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Charges or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does not cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.  
Increase the separation between the equipment and receiver.  
Consult the dealer or an experienced radio/TV technician for help.

## For Customers in Canada

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.